

# **CRF Errors Edited by the STIC Systems Branch**

Serial Number: 10/552,656

CRF Edit Date: 10/21/05  
Edited by: AS

\_\_\_ **Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line**

\_\_\_ **Corrected the SEQ ID NO. Sequence numbers edited were:**

\_\_\_\_\_

\_\_\_ **Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:**

\_\_\_\_\_

\_\_\_ **Deleted:    invalid beginning/end-of-file text ;    page numbers**

\_\_\_ **Inserted mandatory headings/numeric identifiers, specifically:**

\_\_\_\_\_

\_\_\_ **Moved responses to same line as heading/numeric identifier, specifically:**

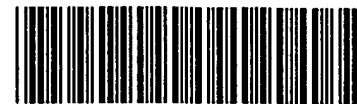
\_\_\_\_\_

\_\_\_ **Other:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



PCT

## RAW SEQUENCE LISTING

DATE: 10/21/2005

PATENT APPLICATION: US/10/552,656

TIME: 15:02:41

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\10212005\J552656.raw

```

3 <110> APPLICANT: Colotech
4     Raskov, Hans Henrik
5     Albrethsen, Jacob
6     Gammeltoft, Steen
7     Bogebo, Rikke Maria
9 <120> TITLE OF INVENTION: A method for detection of colorectal
10    cancers in human samples
13 <130> FILE REFERENCE: 59825.000004
C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/552,656
C--> 15 <141> CURRENT FILING DATE: 2005-10-11
15 <150> PRIOR APPLICATION NUMBER: PCT/DK04/000263
16 <151> PRIOR FILING DATE: 2004-04-07
18 <150> PRIOR APPLICATION NUMBER: DKPA200300541
19 <151> PRIOR FILING DATE: 2003-04-08
21 <150> PRIOR APPLICATION NUMBER: DKPA200301085
22 <151> PRIOR FILING DATE: 2003-07-16
24 <160> NUMBER OF SEQ ID NOS: 42
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 19
30 <212> TYPE: PRT
31 <213> ORGANISM: Homo sapiens
33 <220> FEATURE:
34 <221> NAME/KEY: PEPTIDE
35 <222> LOCATION: (0)...(0)
36 <223> OTHER INFORMATION: Fragment of human serum albumin/alpha-fetoprotein
38 <400> SEQUENCE: 1
39 Phe Leu Gly Met Phe Leu Tyr Glu Tyr Ala Arg Arg His Pro Asp Tyr
40  1           5           10           15
41 Ser Val Val
45 <210> SEQ ID NO: 2
46 <211> LENGTH: 11
47 <212> TYPE: PRT
48 <213> ORGANISM: Homo sapiens
50 <220> FEATURE:
51 <221> NAME/KEY: PEPTIDE
52 <222> LOCATION: (0)...(0)
54 <400> SEQUENCE: 2
55 Thr His Leu Ala Pro Tyr Ser Asp Glu Leu Arg
56  1           5           10
59 <210> SEQ ID NO: 3
60 <211> LENGTH: 11
61 <212> TYPE: PRT

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62 <213> ORGANISM: Homo sapiens
64 <220> FEATURE:
65 <221> NAME/KEY: PEPTIDE
66 <222> LOCATION: (0)...(0)
68 <400> SEQUENCE: 3
69 Leu Ser Pro Leu Gly Glu Glu Met Arg Asp Arg
70 1 5 10
73 <210> SEQ ID NO: 4
74 <211> LENGTH: 15
75 <212> TYPE: PRT
76 <213> ORGANISM: Homo sapiens
78 <220> FEATURE:
79 <221> NAME/KEY: PEPTIDE
80 <222> LOCATION: (0)...(0)
82 <400> SEQUENCE: 4
83 Gln Lys Val Glu Pro Leu Arg Ala Glu Leu Gln Glu Gly Ala Arg
84 1 5 10 15
87 <210> SEQ ID NO: 5
88 <211> LENGTH: 28
89 <212> TYPE: PRT
90 <213> ORGANISM: Homo sapiens
92 <220> FEATURE:
93 <221> NAME/KEY: PEPTIDE
94 <222> LOCATION: (0)...(0)
96 <400> SEQUENCE: 5
97 Asp Leu Ala Thr Val Tyr Val Asp Val Leu Lys Asp Ser Gly Arg Asp
98 1 5 10 15
99 Tyr Val Ser Gln Phe Glu Gly Ser Ala Leu Gly Lys
100 20 25
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 54
105 <212> TYPE: PRT
106 <213> ORGANISM: Homo sapiens
108 <220> FEATURE:
109 <221> NAME/KEY: PEPTIDE
110 <222> LOCATION: (0)...(0)
112 <400> SEQUENCE: 6
113 Ser Ser Ser Tyr Ser Lys Gln Phe Thr Ser Ser Thr Ser Tyr Asn Arg
114 1 5 10 15
115 Gly Asp Ser Thr Phe Glu Ser Lys Ser Tyr Lys Met Ala Asp Glu Ala
116 20 25 30
117 Gly Ser Glu Ala Asp His Glu Gly Thr His Ser Thr Lys Arg Gly His
118 35 40 45
119 Ala Lys Ser Arg Pro Val
120 50
123 <210> SEQ ID NO: 7
124 <211> LENGTH: 49
125 <212> TYPE: PRT
126 <213> ORGANISM: Homo sapiens

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128 <220> FEATURE:
129 <221> NAME/KEY: PEPTIDE
130 <222> LOCATION: (0)...(0)
132 <400> SEQUENCE: 7
133 Gly Ile Phe Thr Asn Thr Lys Glu Ser Ser Ser His His Pro Gly Ile
134 1 5 10 15
135 Ala Glu Phe Pro Ser Arg Gly Lys Ser Ser Ser Tyr Ser Lys Gln Phe
136 20 25 30
137 Thr Ser Ser Thr Ser Tyr Asn Arg Gly Asp Ser Thr Phe Glu Ser Lys
138 35 40 45
139 Ser
143 <210> SEQ ID NO: 8
144 <211> LENGTH: 49
145 <212> TYPE: PRT
146 <213> ORGANISM: Homo sapiens
148 <220> FEATURE:
149 <221> NAME/KEY: PEPTIDE
150 <222> LOCATION: (0)...(0)
152 <400> SEQUENCE: 8
153 Ser Gly Ile Phe Thr Asn Thr Lys Glu Ser Ser Ser His His Pro Gly
154 1 5 10 15
155 Ile Ala Glu Phe Pro Ser Arg Gly Lys Ser Ser Ser Tyr Ser Lys Gln
156 20 25 30
157 Phe Thr Ser Ser Thr Ser Tyr Asn Arg Gly Asp Ser Thr Phe Glu Ser
158 35 40 45
159 Lys
163 <210> SEQ ID NO: 9
164 <211> LENGTH: 57
165 <212> TYPE: PRT
166 <213> ORGANISM: Homo sapiens
168 <220> FEATURE:
169 <221> NAME/KEY: PEPTIDE
170 <222> LOCATION: (0)...(0)
172 <400> SEQUENCE: 9
173 Gly Ser Glu Ser Gly Ile Phe Thr Asn Thr Lys Glu Ser Ser Ser His
174 1 5 10 15
175 His Pro Gly Ile Ala Glu Phe Pro Ser Arg Gly Lys Ser Ser Ser Tyr
176 20 25 30
177 Ser Lys Gln Phe Thr Ser Ser Thr Ser Tyr Asn Arg Gly Asp Ser Thr
178 35 40 45
179 Phe Glu Ser Lys Ser Tyr Lys Met Ala
180 50 55
183 <210> SEQ ID NO: 10
184 <211> LENGTH: 8
185 <212> TYPE: PRT
186 <213> ORGANISM: Homo sapiens
188 <220> FEATURE:
189 <221> NAME/KEY: PEPTIDE
190 <222> LOCATION: (0)...(0)

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Input Set : A:\PTO.AMC.txt

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192 <400> SEQUENCE: 10
193 Phe Leu Gly Met Phe Leu Tyr Glu
194 1 5
197 <210> SEQ ID NO: 11
198 <211> LENGTH: 19
199 <212> TYPE: PRT
200 <213> ORGANISM: Homo sapiens
202 <220> FEATURE:
203 <221> NAME/KEY: PEPTIDE
204 <222> LOCATION: (0)...(0)
206 <400> SEQUENCE: 11
207 Phe Leu Gly Met Phe Leu Tyr Glu Tyr Ala Arg Arg His Pro Asp Tyr
208 1 5 10 15
209 Ser Val Val
213 <210> SEQ ID NO: 12
214 <211> LENGTH: 53
215 <212> TYPE: PRT
216 <213> ORGANISM: Homo sapiens
218 <220> FEATURE:
219 <221> NAME/KEY: PEPTIDE
220 <222> LOCATION: (0)...(0)
222 <400> SEQUENCE: 12
223 Ala Leu Val Leu Ile Ala Phe Ala Gln Tyr Leu Gln Gln Cys Pro Phe
224 1 5 10 15
225 Glu Asp His Val Lys Leu Val Asn Glu Val Thr Glu Phe Ala Lys Thr
226 20 25 30
227 Cys Val Ala Asp Glu Ser Ala Glu Asn Cys Asp Lys Ser Leu His Thr
228 35 40 45
229 Leu Phe Gly Asp Lys
230 50
233 <210> SEQ ID NO: 13
234 <211> LENGTH: 51
235 <212> TYPE: PRT
236 <213> ORGANISM: Homo sapiens
238 <220> FEATURE:
239 <221> NAME/KEY: PEPTIDE
240 <222> LOCATION: (0)...(0)
242 <400> SEQUENCE: 13
243 Asp Ala His Lys Ser Glu Val Ala His Arg Phe Lys Asp Leu Gly Glu
244 1 5 10 15
245 Glu Asn Phe Lys Ala Leu Val Leu Ile Ala Phe Ala Gln Tyr Leu Gln
246 20 25 30
247 Gln Cys Pro Phe Glu Asp His Val Lys Leu Val Asn Glu Val Thr Glu
248 35 40 45
249 Phe Ala Lys
250 50
253 <210> SEQ ID NO: 14
254 <211> LENGTH: 46
255 <212> TYPE: PRT

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256 <213> ORGANISM: Homo sapiens
258 <220> FEATURE:
259 <221> NAME/KEY: PEPTIDE
260 <222> LOCATION: (0)...(0)
262 <400> SEQUENCE: 14
263 Cys Cys Thr Glu Ser Leu Val Asn Arg Arg Pro Cys Phe Ser Ala Leu
264 1 5 10 15
265 Glu Val Asp Glu Thr Tyr Val Pro Lys Glu Phe Asn Ala Glu Thr Phe
266 20 25 30
267 Thr Phe His Ala Asp Ile Cys Thr Leu Ser Glu Lys Glu Arg
268 35 40 45
271 <210> SEQ ID NO: 15
272 <211> LENGTH: 38
273 <212> TYPE: PRT
274 <213> ORGANISM: Homo sapiens
276 <220> FEATURE:
277 <221> NAME/KEY: PEPTIDE
278 <222> LOCATION: (0)...(0)
280 <400> SEQUENCE: 15
281 Glu Phe Asn Ala Glu Thr Phe Thr Phe His Ala Asp Ile Cys Thr Leu
282 1 5 10 15
283 Ser Glu Lys Glu Arg Gln Ile Lys Lys Gln Thr Ala Leu Val Glu Leu
284 20 25 30
285 Val Lys His Lys Pro Lys
286 35
289 <210> SEQ ID NO: 16
290 <211> LENGTH: 82
291 <212> TYPE: PRT
292 <213> ORGANISM: Homo sapiens
294 <220> FEATURE:
295 <221> NAME/KEY: PEPTIDE
296 <222> LOCATION: (0)...(0)
298 <400> SEQUENCE: 16
299 Tyr Val Met Leu Pro Val Ala Asp Gln Asp Gln Cys Ile Arg His Tyr
300 1 5 10 15
301 Glu Gly Ser Thr Val Pro Glu Lys Lys Thr Pro Lys Ser Pro Val Gly
302 20 25 30
303 Val Gln Pro Ile Leu Asn Glu His Thr Phe Cys Ala Gly Met Ser Lys
304 35 40 45
305 Tyr Gln Glu Asp Thr Cys Tyr Gly Asp Ala Gly Ser Ala Phe Ala Val
306 50 55 60
307 His Asp Leu Glu Glu Asp Thr Trp Tyr Ala Thr Gly Ile Leu Ser Phe
308 65 70 75 80
309 Asp Lys
313 <210> SEQ ID NO: 17
314 <211> LENGTH: 48
315 <212> TYPE: PRT
316 <213> ORGANISM: Homo sapiens
318 <220> FEATURE:

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/552,656

DATE: 10/21/2005

TIME: 15:02:42

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\10212005\J552656.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date